Index of Claims

| Application No. |
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10/743,814

Examiner

Tu-Tu Ho

MATSUURA ET AL.

Art Unit

Applicant(s)

2818

(Through numeral) Rejected Cancelled Allowed Restricted

Non-Elected N ı Interference

Appeal Α 0 Objected

| CI   | aim      |              | _            |          |              | Date     | e .                          |          |          |          | CI       | aim      | Γ                         |                 |              | Da   | ate  |                 |          |          | Г        | Cla        | aim        |          |          |   | C               | ate            |          |                 |          | $\neg$   |
|--|----------|--------------|--------------|----------|--------------|----------|------------------------------|----------|----------|----------|----------|----------|---------------------------|-----------------|--------------|--|--|-----------------|----------|----------|----------|------------|------------|----------|----------|---|-----------------|----------------|----------|-----------------|----------|----------|
| _  | <u></u>  | 09/04        |              |          |              |          |                              |          |          |          | _        | ज        |                           |                 |              |  |  |                 |          |          |          | _          | a          |          |          |   |                 |                |          |                 |          |          |
| Final  | Original | 1            | ł            |          |              |          |                              |          |          |          | Final    | Original |                           |                 |              |  |  |                 |          |          |          | Final      | Original   |          |          |   |                 |                |          |                 | −{       |          |
| "-   | ŏ        | 10           |              |          |              |          |                              |          |          |          | "        | ŏ        |                           |                 |              | 1  |  |                 |          |          |          | <u>ٿ</u> ا | ŏ          |          |          |   |                 |                |          |                 |          |          |
|  | 0        | 7            | 1            | -        | ┢            |          | $\vdash$                     | $\dashv$ |          | -        | <b>}</b> | 51       | $\vdash$                  | 十               | $\dashv$     | +  | +  | +-+             | -        | -        | ┝        |            | 101        | $\dashv$ | -        | _ | -               | _              |          | ᆉ               | $\dashv$ | ᅴ        |
|  | 2        | 1            | $\vdash$     | T        | ╁            | 1        |                              | 一        |          | 7        |          | 52       |                           | 寸               | $\top$       | ╅  | $\top$   | H               | 1        | 1        | r        |            | 102        |          | $\neg$   | _ |                 |                | $\neg$   | 7               | 一        | $\dashv$ |
|  | 3        | $\sqcap$     |              |          |              |          |                              |          |          | 7        |          | 53       | П                         | T               |              |  | 1  | $\Box$          |          | 7        | Г        |            | 103        |          |          |   |                 |                |          | ヿ               | コ        | $\neg$   |
|  | 4        | П            |              |          |              |          |                              |          |          |          |          | 54       |                           |                 |              |  |  |                 |          |          |          |            | 104        |          |          |   |                 |                |          |                 |          |          |
|  | 5        | Ц            | _            |          |              |          |                              |          |          |          |          | 55       |                           |                 |              |  |  |                 |          |          |          |            | 105        |          |          |   |                 |                |          |                 |          |          |
| <u> </u>   | 6        | Н            | <u> </u>     |          | <u> </u>     | _        | Ш                            | $\dashv$ | _        | _        | <u> </u> | 56       | $\sqcup$                  | $\dashv$        | _ _          | 4  |  | $\sqcup$        | _        | _        | L        |            | 106        |          |          |   |                 |                | $\Box$   | _               | ᆜ        | _        |
| <u> </u>   | 7        | -            |              | <u> </u> | ⊢            |          | $\vdash$                     | _        | -        | -        | <u> </u> | 57       | -1                        | $\dashv$        | -            | -  | _  | $\vdash$        |          | _        | L        |            | 107        | _        |          |   |                 |                |          | -               |          | _        |
|  | 8        | H            | ┼—           | -        | ├            | -        | $\vdash$                     | $\dashv$ | +        | -        |          | 58<br>59 | $\vdash$                  | -               | +            | +  | +-   | $\vdash$        |          | - :::    | H        |            | 108<br>109 | _        | _        | _ | $\dashv$        | _              | $\dashv$ |                 | $\dashv$ |          |
| _  | 10       | ╁┤           | -            | -        | ├            | $\vdash$ | $\vdash$                     | $\dashv$ | +        | -        | -        | 60       | -                         | -               | -+-          | ╁  | ╫  | ╁┼              |          | - :::    | ┝        |            | 110        | $\dashv$ | $\dashv$ |   | $\dashv$        |                | -        |                 | $\dashv$ |          |
| <del>                                     </del> | 11       | H            | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | H                            | $\dashv$ | +        | -        | -        | 61       | $\vdash$                  | $\dashv$        | +            | +  | +  | ╁               | +        | -        | ۲        |            | 111        |          | $\dashv$ |   | $\vdash$        | -              | $\dashv$ | -               |          | $\dashv$ |
|  | 12       | $\forall$    | H            | Г        | T            |          | H                            | $\dashv$ | +        | 7        | <b></b>  | 62       | $\dagger \exists \dagger$ | $\dashv$        | +            | 1  | +  | +               | $\dashv$ | <b>-</b> | ۲        |            | 112        |          |          |   | $\vdash$        |                | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ |
|  | 13       | $\sqcap$     | T            | Г        | T            | $\vdash$ | $\Box$                       | $\dashv$ | $\neg$   | 7        |          | 63       | $\Box$                    | $\dashv$        | $\dashv$     | +  |  | T               |          | 1        | ۲        |            | 113        |          |          |   |                 |                | $\Box$   | $\dashv$        | $\dashv$ | $\dashv$ |
|  | 13       |              |              |          |              |          |                              |          |          |          |          | 64       |                           |                 |              | $\perp$  |  |                 |          |          | Γ        |            | 114        |          |          |   |                 |                |          |                 | コ        |          |
|  | (5)      |              |              |          |              |          |                              |          |          |          |          | 65       |                           |                 | $oxed{\Box}$ | $\perp$  |  |                 |          |          |          |            | 115        |          |          |   |                 |                |          |                 |          |          |
|  | 16       | Ш            |              |          |              |          |                              |          |          |          |          | 66       |                           |                 |              |  |  |                 |          |          | L        |            | 116        |          |          |   |                 |                |          |                 |          |          |
| <u> </u>   | 17       | $\sqcup$     | <b> </b>     | <u> </u> | <u> </u>     |          |                              | _        |          | _        | <u> </u> | 67       |                           | 4               | 4            | 4  | 4_   | $\sqcup$        |          | _        | L        |            | 117        |          |          |   | Ш               |                |          | $\perp$         | _        |          |
| ļ  | 18       |              | <b> </b>     | <u> </u> | <del> </del> | -        |                              |          |          | 4        |          | 68       | $\vdash$                  | $\dashv$        | +            | 4  | -  | $\vdash$        | $\perp$  | -1::::   | L        |            | 118        | _        |          |   | -               | _              |          | _               | 4        |          |
|  | 19<br>20 | f            | ╙            | ├        | ╂            | -        | $\vdash$                     | -        | +        | -        |          | 69<br>70 | $\vdash$                  | $\dashv$        | +            | +  |  | ╁               |          | - :::    | H        |            | 119<br>120 | -        | -        | _ | $\vdash$        | _              | -        | $\dashv$        | $\dashv$ | _        |
|  | 21       | ŧΤ           | ╁╌           | -        | ├            |          | Н                            | $\dashv$ |          | -        | -        | 71       | $\vdash$                  | $\dashv$        | +            | +  | +  | ╂╼┼             |          | -        | $\vdash$ | -          | 121        | -1       | -        |   |                 | _              | -        | -               | $\dashv$ | _        |
|  | 22       | ╁            | ╁            |          | ╁╌           | -        | $\vdash$                     | $\dashv$ |          | -        | -        | 72       | $\vdash$                  | $\dashv$        | +            | +  | +  | ╁               | -        | -        | ┝        |            | 122        | -        | $\dashv$ |   | -               |                | -        | $\dashv$        | $\dashv$ | _        |
|  | 23       | ╁            | t            |          |              |          | Н                            |          |          | ۱        |          | 73       | $\vdash$                  | $\dashv$        | +            | +-   | +  | $\vdash$        |          | -        | ۲        |            | 123        | $\neg$   | $\neg$   |   | Н               |                | $\vdash$ |                 | $\dashv$ |          |
|  | 24       | T            | t            |          | t            | $\vdash$ | П                            |          | $\neg$   |          |          | 74       | $\vdash$                  |                 | +            | $\top$   |  | $\Box$          | $\neg$   | 7        | r        |            | 124        |          |          |   |                 |                |          | $\neg$          | $\neg$   |          |
|  | 25       |              |              |          |              |          |                              |          | $\top$   | 7        |          | 75       |                           |                 |              |  |  |                 |          | 7        | Г        |            | 125        |          |          |   |                 |                |          |                 |          |          |
|  | 26       |              |              |          |              |          |                              |          |          |          |          | 76       |                           |                 |              |  |  |                 |          |          |          |            | 126        |          |          |   |                 |                |          |                 |          |          |
|  | 27       | _            | <u> </u>     |          | ╙            |          |                              |          |          |          |          | 77       |                           |                 |              | _  |  | Ш               | _        | _        | L        |            | 127        |          |          |   |                 |                |          |                 |          |          |
| <u> </u>   | 28       | 1            | _            | _        | ╙            |          |                              | $\dashv$ | $\bot$   | _        | <u></u>  | 78       | $\sqcup$                  | _               | _            | $\perp$  | _  |                 |          | _        | L        |            | 128        |          |          |   | $\dashv$        | $\blacksquare$ |          |                 | _        | _        |
|  | 29       | 1            | ╀            | ⊢        | ┞            | $\vdash$ | Н                            | -+       | -        | -        | <b> </b> | 79       | $\vdash$                  | -               | -            | +  | -  |                 |          |          | L        |            | 129        |          | _        |   | $\dashv$        | _              | $\vdash$ | -               |          |          |
|  | 30<br>31 | 1            | ⊢            | <u> </u> | ⊢            |          | H                            | -        |          | -        | <u> </u> | 80<br>81 | $\vdash$                  | -+              | +            | +  | +  | ++              |          | -        | H        |            | 130<br>131 |          |          |   | $\dashv$        |                | $\vdash$ | -               | $\dashv$ | $\dashv$ |
| ļ  | 32       | -            | ┢            |          | <del> </del> | +-       | H                            |          |          | -        | ┢        | 82       | H                         | $\dashv$        | +            | ╅  | +-   | $\vdash$        |          | -        | H        |            | 132        | -        |          |   | -1              | -              |          | $\dashv$        | $\dashv$ | $\dashv$ |
|  | 33       | $\vdash$     | ╁╌           | $\vdash$ | ┢            | $\vdash$ | H                            |          | $\dashv$ | -        | -        | 83       |                           | +               | +            | +  | +  | +               | +        | -        | $\vdash$ |            | 133        | $\dashv$ |          |   | $\dashv$        | _              | Н        | -               | ┪        | $\dashv$ |
|  | 34       | 1            | T            | 1        | 1            | 1        | $\vdash$                     | 十        |          | 7        |          | 84       | $\vdash$                  | _               | $\dashv$     | $\top$   | 十  | $\vdash$        | $\top$   |          | ۲        |            | 134        | $\dashv$ |          | _ | H               | $\dashv$       | Н        | $\dashv$        | $\dashv$ |          |
|  | 35       |              | Т            |          | Γ            |          | П                            | 寸        |          | 7        |          | 85       | П                         | $\neg \uparrow$ | $\top$       | 丁  | $\top$   | $\top$          |          |          | Γ        |            | 135        |          |          | - | П               |                | П        | $\neg \uparrow$ | $\neg$   | $\neg$   |
|  | 36       |              | L            |          | Ľ            |          |                              |          |          |          |          | 86       |                           |                 |              | $\perp$  | $\perp$  |                 |          |          |          |            | 136        |          |          |   |                 |                |          |                 |          |          |
|  | 37       |              |              |          |              |          | Ш                            | $\Box$   |          |          |          | 87       |                           |                 |              | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | I  | П               |          |          | Ĺ        |            | 137        |          |          |   |                 |                |          |                 |          |          |
|  | 38       | <u>_</u>     | <u> </u>     | L        | L            |          | Ш                            | _[       |          | _        | _        | 88       | Ш                         | $\Box$          |              | 1  | <u> </u>   | $\prod$         |          | _        | L        |            | 138        |          |          |   |                 |                |          |                 |          |          |
| <u> </u>   | 39       | ↓_           |              | _        | _            | _        | $\sqcup$                     | _        | _        | 4        | <u> </u> | 89       | $\sqcup$                  | _               | 4            | _  | +  | $\sqcup$        | _        | 4        | L        |            | 139        | _        | Ц        |   | Щ               | _              | Ш        | _               |          | _        |
| <b> </b>   | 40       | <del> </del> | <del> </del> | -        | -            |          | $\vdash \vdash$              | $\dashv$ | _        | - :::    |          | 90       | $\vdash$                  | -               | +            | +  | +  | $\vdash \vdash$ | +        | 4        | L        |            | 140        | _        | _        |   | $\sqcup$        | _              | $\vdash$ | _               |          | _        |
|  | 41       | ┝            | ├            | -        | -            | $\vdash$ | $\left  \cdot \cdot \right $ | -        | +        | -        |          | 91<br>92 | $\vdash$                  | -               | +            | +  | +  | $\vdash$        | +        | $\dashv$ | $\vdash$ | _          | 141<br>142 | _        | -        | _ | -               |                | $\vdash$ | -               |          |          |
| <del></del>                                      | 42       | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$                     | $\dashv$ |          | -        | <u> </u> | 93       | $\vdash$                  | $\dashv$        | ┰            | +  | +  | ╁┼              | +        | $\dashv$ | ⊩        |            | 142        |          | $\dashv$ |   | $\dashv$        | $\dashv$       | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ |
| <u> </u>   | 44       | +-           | +-           | -        | $\vdash$     | $\vdash$ |                              | $\dashv$ | +        | $\dashv$ | <u> </u> | 94       | +                         | $\dashv$        | +            | +-   | +  | $\vdash \vdash$ | +        | $\dashv$ | ┝        |            | 144        | $\dashv$ | $\dashv$ |   | $\vdash \vdash$ |                | Н        | -               | -        | -        |
| <u> </u>   | 45       | T            | $\vdash$     | -        | $\vdash$     | T        | $\vdash$                     | $\dashv$ |          | 1        |          | 95       | +                         | $\dashv$        | $\dashv$     | +  | +  | $\vdash$        | +        | -        | ۲        |            | 145        |          |          |   | $\vdash$        | -              | $\vdash$ | $\dashv$        | ᅱ        | -        |
|  | 46       | †-           | T            | _        | 1            |          | H                            | 寸        |          | ٦        |          | 96       | $\vdash \vdash$           | $\dashv$        | 十            | $\top$   | $\top$   | H               | $\dashv$ | 1        | ۲        |            | 146        |          |          | _ | $\vdash$        |                | Н        |                 | ᅥ        |          |
|  | 47       |              | T            | Г        | Г            |          | П                            | T        |          | 7        |          | 97       | -                         |                 | 十            | $\top$   | $\top$   | 1 1             | $\dashv$ | 7        | ۲        |            | 147        |          |          |   | $\dashv$        |                |          |                 | 一        |          |
|  | 48       |              |              |          |              |          |                              |          |          |          |          | 98       |                           |                 |              |  | $oldsymbol{ol}}}}}}}}}}}}}}$ |                 |          |          |          |            | 148        |          |          |   |                 |                |          |                 | コ        |          |
|  | 49       |              |              |          | Ĺ            |          | Ш                            | $\Box$   |          |          |          | 99       | $\Box$                    | $\Box$          |              |  |  |                 | $\perp$  |          | Ĺ        |            | 149        |          |          |   |                 |                |          |                 |          |          |
|  | 50       |              | L            |          |              |          |                              |          |          |          |          | 100      | $\Box$                    |                 | . [          |  |  |                 |          |          | Ŀ        |            | 150        |          |          |   |                 |                |          |                 |          |          |